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(54) **Anisotropic permanent magnet**

(57) An anisotropic permanent magnet with an improved surface magnetic field peak value is provided, which has at least one active surface and is oriented and magnetized simultaneously in such a manner that axes of easy magnetization of magnetic powder constituting the permanent magnet pass from the active surface through an interior of the magnet to return to the active surface, wherein a standard magnetic pole and a background opposite magnetic pole are present as an island and a sea, and the ratio of an area of the standard magnetic pole to an area of the background opposite magnetic pole is 9 to 90 : 91 to 10. Also, a permanent magnet for attraction with an improved attraction force is provided, wherein a total area  $\Sigma S$  of an S pole surface and a total area  $\Sigma N$  of an N pole surface satisfy a relationship:  $0.5 \times \Sigma S \leq \Sigma N \leq 2.0 \times \Sigma S$  or  $0.5 \times \Sigma N \leq \Sigma S \leq 2.0 \times \Sigma N$ .

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EUROPEAN SEARCH REPORT

Application Number  
EP 00 11 3406

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			H01F
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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